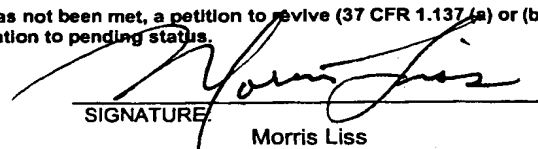


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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 21854-00061-US1 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/542304 |
| INTERNATIONAL APPLICATION NO. PCT/AU04/000059 | INTERNATIONAL FILING DATE 19 January 2004 | PRIORITY DATE CLAIMED 21 January 2003 |
| TITLE OF INVENTION EXTRACTION AND TREATMENT OF HEAVY METALS | | |
| APPLICANT(S) FOR DO/EO/US Bodo Heller et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Int'l Search Report; PCT Notification Concerning Priority Doc; PCT Written Opinion; Return Receipt Postcard | | |

PTO-1390 (Rev. 02-2005)
 Approved for use through 03/31/2007. OMB 0651-0021
 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/542304 | | INTERNATIONAL APPLICATION NO. PCT/AU04/000059 | | ATTORNEY'S DOCKET NUMBER 21854-00061-US1 | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY |
| 21. | <input checked="" type="checkbox"/> Basic national fee | \$300 | | \$ 300.00 | |
| 22. | <input checked="" type="checkbox"/> Examination fee | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 | | | | | |
| All other situations \$200 | | | | \$ 200.00 | |
| 23. | <input checked="" type="checkbox"/> Search fee | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority \$100 | | | | | |
| International Search Report prepared and provided to the Office \$400 | | | | | |
| All other situations \$500 | | | | \$ 500.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 1,000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 10 - 100 = | /50 = | | x \$250.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 8 - 20 = | x | | \$ 0.00 | |
| Independent claims | 2 - 3 = | x | | \$ 0.00 | |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | + | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,000.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | \$ 500.00 | |
| SUBTOTAL = | | | | \$ 500.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | \$ 500.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$ |
| TOTAL FEES ENCLOSED = | | | | \$ 500.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0185</u> in the amount of \$ <u>500.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0185</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| | | |  SIGNATURE Morris Liss NAME | | |
| CUSTOMER NUMBER: 30678 | | | 24,510 REGISTRATION NUMBER | | |

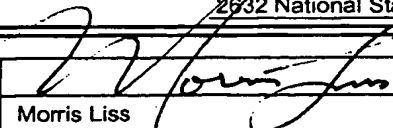
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| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | | Complete If Known | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Application Number | Not Yet Assigned |
| | | Filing Date | Concurrently Herewith |
| | | First Named Inventor | Bodo Heller |
| | | Examiner Name | Not Yet Assigned |
| | | Art Unit | N/A |
| TOTAL AMOUNT OF PAYMENT (\$) 500.00 | | Attorney Docket No. | 21854-00061-US1 |

10/542304

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| METHOD OF PAYMENT (check all that apply) | |
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ | |
| <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0185</u> Deposit Account Name: <u>Connolly Bove Lodge & Hutz LLP</u> | |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee | |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments | |

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|---|---------------------|---|--------------------------------|----------------------------------|-------------------------|---------------------|-----------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
| | | <u>Small Entity</u> | | <u>Small Entity</u> | | <u>Small Entity</u> | |
| <u>Application Type</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fee (\$)</u> | <u>Fees Paid (\$)</u> |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES | | | | | | | |
| | | | | | | <u>Small Entity</u> | |
| <u>Fee Description</u> | | | | | | <u>Fee (\$)</u> | <u>Fee (\$)</u> |
| Each claim over 20 (including Reissues) | | | | | | 50 | 25 |
| Each independent claim over 3 (including Reissues) | | | | | | 200 | 100 |
| Multiple dependent claims | | | | | | 360 | 180 |
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | | | |
| 8 | - 20 = | x | = | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | |
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | | |
| 2 | - 3 = | x | = | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | | | |
| 10 | - 100 = | /50 | (round up to a whole number) x | = | | | |
| 4. OTHER FEE(S) | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | |
| Other (e.g., late filing surcharge): 2631 Basic National Stage fee | | | | | | 150.00 | |
| 2632 National Stage Examination Fee - all other ... | | | | | | 100.00 | |
| 2632 National Stage Search Fee - all other situations | | | | | | 250.00 | |

| | | | |
|---------------------|---|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature |  | Registration No. (Attorney/Agent) | 24,510 |
| Name (Print/Type) | Morris Liss | Telephone | (202) 331-7111 |
| | | Date | July 15, 2005 |